

PTO/SB/21 (09-04)

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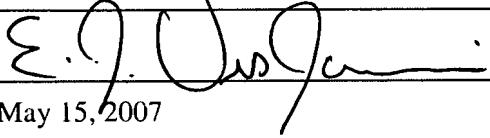
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Total Number of Pages in This Submission		Attorney Docket Number	54A-000510US
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ENCLOSURES (check all that apply)

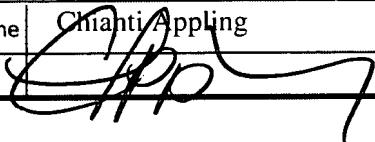
<input type="checkbox"/> Fee Transmittal Form	<input checked="" type="checkbox"/> PTO-1449 Form	<input type="checkbox"/> Interview Summary
<input type="checkbox"/> Fee Attached	<input checked="" type="checkbox"/> Cited References 	<input type="checkbox"/> Request for Continued Examination (RCE)
<input type="checkbox"/> Amendment / Response	<input checked="" type="checkbox"/> Copy of PCT Intl. Search Report and Written Opinion	<input type="checkbox"/> Request for Corrected Filing receipt
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	Authorization to Charge Deposit Account Please charge Deposit Account No. 50-0893 for any additional fees associated with this paper or during the pendency of this application, including any extensions of time for consideration of the documents enclosed.	
	Remarks	

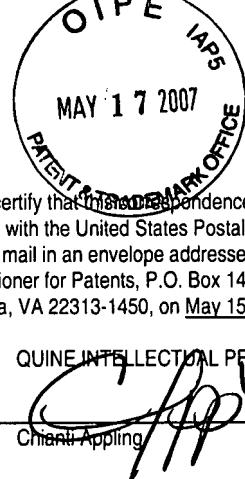
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Edward J. DesJardins, Reg. No. 51,162, Quine Intellectual Property Law Group, P.C.
Signature	
Date	May 15, 2007

CERTIFICATE OF MAILING

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QUINE INTELLECTUAL PROPERTY LAW GROUP, P.C.

By

Chanti Appling

Attorney Docket No. 54A-000510US
Client Ref. No. 1002.1 US / AMB0100P
Ambrx Ref. No. 0072.00US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

J. Christopher Anderson, et al.

Application No.: 10/563,656

Filed: June 22, 2006

For: Compositions of orthogonal glutamyl-tRNA and aminoacyl-tRNA synthetase pairs and uses thereof

Confirmation No. 3238

Examiner: Unassigned

Art Unit: Unassigned

INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR § 1.97 and
§ 1.98

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Sir:

The references cited on attached form PTO-1449 are being called to the attention of the Examiner. Copies of the references are enclosed. It is respectfully requested that the cited information be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

Also provided for the Examiner's benefit are copies of the International Search Report and Written Opinion from the corresponding PCT International Application and a copy of the EPO Supplementary Search Report from the corresponding EPO Application.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

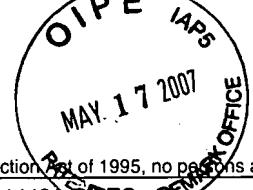
Applicant believes that no fee is required for submission of this statement, since it is being submitted prior to the first Office Action on the merits per 37 CFR 1.97(b)(3). However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 50-0893. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



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Substitute for form 1449A INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known	
		Application Number	10/563,656
		Filing Date	June 22, 2006
		First Named Inventor	J. Christopher Anderson
		Group Art Unit	Unassigned
		Examiner Name	Unassigned
		Attorney Docket Number	54A-000510US
		Date Submitted	May 15, 2007

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, lines, Where Relevant Passages or Relevant Figures Appeal
		Number	Kind Code (if known)			

FOREIGN PATENT DOCUMENTS								
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		Office	Number	Kind Code (if known)				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T
	1	Kowal et al. (2001) "Twenty-first amino-acyl tRNA synthetase-suppressor tRNA pairs for possible use in site-specific incorporation of amino acid analogues into proteins in eukaryotes and in eubacteria," <i>Proc. Natl. Acad. Sci., U.S.A.</i> , Vol. 98, No. 5, pp. 2268-2273.			
	2	Liu et al. (1997) "Characterization of an 'orthogonal' suppressor tRNA derived from <i>E. coli</i> tRNA ₂ ^{Gln} ," <i>Chemistry and Biology</i> Vol. 4, No. 9, pp. 685-691.			
	3	Santoro et al. (October 12, 2003) "An archaeabacteria-derived glutamyl-tRNA synthetase and tRNA pair for unnatural amino acid mutagenesis of proteins in <i>Escherichia coli</i> ," Vol. 31, No. 23, pp. 6700-6709.			
	4	Wang and Schultz (2001) "A general approach for the generation of orthogonal tRNAs", <i>Chemistry and Biology</i> London, GB, Vol. 8, pp. 883-890.			
	5	International Search Report and Written Opinion for corresponding International Application No. PCT/US2004/21813.			
	6	EPO Supplementary Search Report from corresponding European Patent Application No. 04777719.8			

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.